

Macrol

 **MAUS**
ITALIA

**Suitable for tubes
up to 2 1/4" - 58 mm**

Macrol

Wide range of torque control
pneumatic rolling machines
suitable for $3/4''$ to $2.1/4''$
(19 to 58 mm) tubes.

The **Macrol** series torque control pneumatic rolling machines are designed to be used at yards as well as to repair tube sheets directly on-site in chemical and petrochemical plants.

The **Macrol** series is produced in 5 different versions able to cover a wide range of tubes, guaranteeing to the main driving shaft an extreme sensitivity or power depending on the version chosen.

- In aluminium
- Light and heavy-duty
- Compact and handy
- Built-in adjustable torque control (with automatic stop at the set torque)
- Uniform tooling guaranteed
- Repeatability with $\pm 3\%$ tolerance
- Reversible
- Torque control independent from air pressure



Technical specifications			Macrol-1350	Macrol-750	Macrol-450	Macrol-200	Macrol-130	
Speed	rpm (R.P.M)		1350	750	450	200	130	
Min. torque	Nm (Ft Lb)		1,0 (0.7)	2,0 (1.4)	3,0 (2.1)	5,0 (3.6)	10,0 (7.3)	
Max. torque	Nm (Ft Lb)		15,0 (11.0)	26,0 (19.2)	38,0 (28.0)	80,0 (59.0)	125,0 (92.2)	
Inlet pressure	Bar (psi)		6,3 (92)	6,3 (92)	6,3 (92)	6,3 (92)	6,3 (92)	
Air consumption	L/min (cfm)		840 (30.0)	840 (30.0)	840 (30.0)	840 (30.0)	840 (30.0)	
Square drive ☒	mm (inches)		12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)	12 (0.47)	
Air feeding threaded attachment	G / BSP		3/8" X 19	3/8" X 19	3/8" X 19	3/8" X 19	3/8" X 19	
Air drain threaded attachment	G / BSP		1/2" X 14	1/2" X 14	1/2" X 14	1/2" X 14	1/2" X 14	
> Tube max Ø (outside) - Ferrous	mm (inches)		19,0 (3/4")	25,4 (1")	31,8 (1.1/4")	44,4 (1.3/4")	57,1 (2.1/4")	<
> Tube max Ø (outside) - Nonferrous	mm (inches)		25,4 (1")	38,1 (1.1/2")	44,4 (1.3/4")	57,1 (2.1/4")	69,8 (2.3/4")	<
Adapter	Code		F/313 - 3/8"	F/313 - 3/8"	F/313 - 3/8"	F/313 - 1/2"	F/313 - 1/2"	
Length A	mm (inches)		490 (19.3)	490 (19.3)	490 (19.3)	800 (31.5)	800 (31.5)	
Width B	mm (inches)		330 (13.0)	330 (13.0)	330 (13.0)	365 (14.4)	365 (14.4)	
Height/Ø C	mm (inches)		70 (2.8)	70 (2.8)	70 (2.8)	70 (2.8)	70 (2.8)	
Weight	Kg (Lb)		7,0 (15.6)	7,0 (15.6)	7,0 (15.6)	8,6 (19.1)	8,6 (19.1)	
Balancer recommended	Code		TPB 2	TPB 2	TPB 2	TPB 2/A	TPB 2/A	

• All the values are measured with air pressure equal to 6,3 bar (90 psi)

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Standard supply

- Transport case
- **Macrol** pneumatic rolling machine
- Instruction manual
- **F/313** quick release adapter
- Lubricator
- Air inlet flexible tube: $\varnothing 23 \times 13$ mm L= 6 m
- Coiled tube for air drain: L= 2.5 m
- Set of blades for motor
- Service wrenches set

